

CLAIMS

What is claimed is:

1. An oven having a main body forming an oven compartment, and a door in contact with the main body to open and close the main body, the door comprising:
 - an inner cover facing the oven compartment and having an opening to show the interior of the oven compartment ;
 - a window provided in the opening of the inner cover;
 - a supporting member which supports the window against the inner cover ; and
 - a window accommodating part extended toward the inside of the oven compartment from the periphery of the opening to accommodate the window.
2. The oven of claim 1, wherein the window accommodating part is bent into an "L"- shaped section.
3. The oven of claim 1, wherein the supporting member comprises:
 - a plate part combined with the inner cover and having an opening part corresponding to the window; and
 - a supporter extended from the periphery of the opening part of the plate part toward the inside of the oven compartment which supports the window against the window accommodating part of the inner cover.
4. The oven of claim 2, wherein the supporting member comprises:
 - a plate part which is combined with the inner cover and having an opening part corresponding to the window; and
 - a supporter extended from the periphery of the opening part of the plate part toward the inside of the oven compartment which supports the window against the window accommodating part of the inner cover.
5. The oven of claim 3, wherein the supporter gives a predetermined pressure to the periphery of the window.

6. The oven of claim 4, wherein the supporter gives a predetermined pressure to the periphery of the window.

7. The oven of claim 5, wherein heat-resisting elastic materials are provided between the window accommodating part and the window; and between the supporter and the window.

8. The oven of claim 6, wherein heat-resisting elastic materials are provided between the window accommodating part and the window; and between the supporter and the window.

9. The oven of claim 1, wherein the door further comprises an outer cover which forms an outward appearance of the door outside of the supporting member having an observation window placed corresponding to the window placed in the accommodating part of the inner cover.

10. The oven of claim 9, wherein the supporting member is combined with the inner cover and the outer cover, respectively.

11. The oven of claim 1, wherein the window comprises transparent or semitransparent materials.

12. The oven of claim 1, wherein the window is a rectangular shape.

13. A method of assembling an oven door comprising:
placing a window of an inner cover into a window accommodating part of an inner cover;
attaching a supporting member to the inner cover;
adhering the window to the window accommodating part with a supporter of the supporting member being in contact with a periphery of the window; and
combining an outer cover with the supporting member and the inner cover, respectively.

14. The oven of claim 9, wherein the observation window comprises transparent or semitransparent materials.

15. The oven of claim 1, wherein the supporting member further comprises a plurality of bosses which project from the outer surface of the supporting member and through which screws pass toward the inner cover.

16. The oven of claim 6, wherein the pressure given to the window is generated when the plate part is combined with the inner cover through screws.

17. The oven of claim 9, wherein the outer cover is combined with the inner cover by screws.